

Combination Synopsis / Solicitation NNC13481258Q  
Released on 07/29/2013

This notice is a combined synopsis/solicitation for commercial items prepared in accordance with the format in FAR Subparts 13.5 and 12.6, as supplemented with additional information included in this notice. This announcement constitutes the only solicitation; offers are being requested and a written solicitation will not be issued.

This notice is being issued as a Request for Quote (RFQ) for two (2) water coolant pumps for use in the Advanced Subsonic Combustion Rig (ASCR) at NASA Glenn Research Center (GRC).

The provisions and clauses in the RFQ are those in effect through FAC 05-68.

This procurement is conducted as a full and open competition.

The NAICS code and the small business size standard for this procurement are 333911 and 500 employees, respectively. The offeror shall state in its offer its size status for this procurement.

All responsible sources may submit an offer which shall be considered by the agency.

Delivery to NASA GRC is required within sixteen (16) weeks ARO. Delivery shall be FOB Destination. Therefore all quoted unit prices shall incorporate shipping.

Offers for the items described above are due by 4:30 pm local GRC time, August 12, 2013 to Jeffrey Hoyt at [Jeffrey.D.Hoyt@nasa.gov](mailto:Jeffrey.D.Hoyt@nasa.gov) and must include: solicitation number, FOB destination to this Center, proposed delivery schedule, discount/payment terms, warranty duration (if applicable), taxpayer identification number (TIN), identification of any special commercial terms, and be signed by an authorized company representative. Offerors are encouraged to use the Standard Form 1449, Solicitation/Contract/Order for Commercial Items form found at URLs: <http://server-mpo.arc.nasa.gov/Services/NEFS/NEFSHome.tml> or <http://www.gsa.gov/portal/forms/download/115922> .

Offerors shall provide the information required by FAR 52.212-1 (FEB 2012), Instructions to Offerors-Commercial Items, which is incorporated by reference.

If the end product(s) offered is other than domestic end product(s) as defined in the clause entitled "Buy American Act -- Supplies," the offeror shall so state and shall list the country of origin.

FAR 52.212-4 (FEB 2012), Contract Terms and Conditions-Commercial Items is applicable.

FAR 52.212-5 (AUG 2012), Contract Terms and Conditions Required To Implement Statutes or Executive Orders-Commercial Items is applicable and the following identified clauses are incorporated by reference:

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- 1) 52.203-6, Restrictions on Subcontractor Sales to the Government (Sept 2006), with Alternate I (Oct 1995) (41 U.S.C. 253g and 10 U.S.C. 2402).
- 2) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (Jul 2013) (Pub. L. 109-282) (31 U.S.C. 6101 note).
- 3) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment. (Jul 2013) (31 U.S.C. 6101 note).
- 4) 52.209-10, Prohibition on Contracting with Inverted Domestic Corporations (May 2012) (section 738 of Division C of Pub. L. 112-74, section 740 of Division C of Pub. L. 111-117, section 743 of Division D of Pub. L. 111-8, and section 745 of Division D of Pub. L. 110-161).
- 5) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (Jan 2011) (if the offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a).
- 6) 52.219-8, Utilization of Small Business Concerns (Jul 2013) (15 U.S.C. 637(d)(2) and (3)).
- 7) 52.219-28, Post Award Small Business Program Rerepresentation (Jul 2013) (15 U.S.C. 632(a)(2)).
- 8) 52.222-3, Convict Labor (June 2003) (E.O. 11755).
- 9) 52.222-19, Child Labor—Cooperation with Authorities and Remedies (Mar 2012) (E.O. 13126).
- 10) 52.222-21, Prohibition of Segregated Facilities (Feb 1999).
- 11) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).
- 12) 52.222-35, Equal Opportunity for Veterans (Sep 2010)(38 U.S.C. 4212).
- 13) 52.222-36, Affirmative Action for Workers with Disabilities (Oct 2010) (29 U.S.C. 793).
- 14) 52.222-37, Employment Reports on Veterans (Sep 2010) (38 U.S.C. 4212).
- 15) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (Dec 2010) (E.O. 13496).

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- 16) 52.223-18, Encouraging Contractor Policies to Ban Text Messaging While Driving (Aug 2011) (E.O. 13513).
- 17) 52.225-13, Restrictions on Certain Foreign Purchases (June 2008) (E.O.'s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).
- 18) 52.232-33, Payment by Electronic Funds Transfer—System for Award Management (Jul 2013) (31 U.S.C. 3332).

The FAR may be obtained via the Internet at URL:

<http://www.acquisition.gov/far/index.html>

The following NASA FAR Supplement Clauses are applicable:

- 1852.215-84 Ombudsman
- 1852.219-76 NASA 8 Percent Goal
- 1852.223-72 Safety and Health (Short Form)
- 1852.237-73 Release of Sensitive Information

The NFS may be obtained via the Internet at URL:

<http://www.hq.nasa.gov/office/procurement/regs/nfstoc.htm>

All contractual and technical questions must be in writing via e-mail to Jeffrey Hoyt at [Jeffrey.D.Hoyt@nasa.gov](mailto:Jeffrey.D.Hoyt@nasa.gov) not later than 12:00 pm local GRC time, August 2, 2013.

Telephone questions will not be accepted.

Selection and award will be made to that offeror whose offer will be most advantageous to the Government, with consideration given to the factors of proposed technical merit, price, past performance and nine (9) better value features. This means that award will be conducted on a BEST VALUE basis. It is critical that offerors provide adequate detail to allow evaluation of their offer. (SEE FAR 52.212-1(b)), and offerors should assume that reviewers have no previous knowledge of the organization and/or offered product(s).

The following factors will be used to evaluate offers:

- 1) Price / Cost – The ability of the offeror to provide a fair and reasonable price.
- 2) Technical Merit – The ability of the offeror to successfully meet the required delivery schedule and the Minimum Specifications for all Technical Requirements (see page 6).
- 3) Past Performance – The Government will consider information submitted by the offeror, information in the Past Performance Information Retrieval System (PPIRS) and information in the Federal Awardee Performance and Integrity Information System (FAPIS). Information submitted by the offeror should show

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its relative past performance in manufacturing or supplying water coolant pumps of a similar type requested. References are appreciated.

- 4) The following features are considered 'Better Value Features' and are performance goals that go above and beyond what the Government is minimally asking for. These better value features are in descending order (meaning #1 is the most desired, #2 is the second most desired, etc.). Offerors who do *not* provide these better value features will *not* be rated negatively for failing to provide them. However, offerors who *do* meet or exceed any of the better value features *can* be rated more favorably than those who do not:
  1. Delivery timeframe of less than 16-weeks after contract award.
  2. On-site installation assistance or oversight, including service representative availability within a day's notice if needed.
  3. Pump model or variations of the same model that has been on the market for five years or more.
  4. Low point ports on pump casing for draining during long periods of down time.
  5. High point vent port for removing entrained air.
  6. Filtration requirements greater than ten micron.
  7. Pumps shall be capable of non-operational periods for up to one year when they are installed.
  8. Minimum recommended service cycle based on proposed model's historical history.
  9. In support of the NASA "Buy-Quiet" goal, pumps shall emit noise levels as low as feasibly possible, with a target criteria of an A-weighted noise emission less than 85dB (A), as an A-weighted sound level measured at 1 meter during all operational states of the pump and motor. Impulse sound pressure levels should not exceed 130 dB LPC, peak at any designated measurement location and at the operator's ear, during operation of the machine. Simplified technical guidance for measurement of sound level emissions can be found on the NASA buyquietroadmap.com website: <http://buyquietroadmap.com/wp-content/uploads/2010/02/Field-Verification.pdf>.

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- a. The criterion applies to equipment operation at no load and under all anticipated and actual production loads under final installed conditions, including noise associated with the material handling, as applicable.
- b. An equipment system consisting of multiple components (e.g., motor, gearbox and pump combination) shall comply with the criterion as a complete system rather than as individual components.
- c. Sound control treatments shall be designed to permit access to equipment for operations and maintenance. These treatment designs shall not interfere with safety or reliability.

Technical and past performance, when combined, are equal to price. Between technical and past performance, technical is more important.

Offerors must be registered in the System for Award Management (SAM) website found at <https://www.sam.gov/portal/public/SAM/>.

Offerors must include completed copies of the provision at 52.212-3 (APR 2012), Offeror Representations and Certifications - Commercial Items with their offer. The provision may be obtained via the internet at URL:

[http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/fardfars/far/52\\_000.htm](http://farsite.hill.af.mil/reghtml/regs/far2afmcfars/fardfars/far/52_000.htm). These representations and certifications will be incorporated by reference in any resultant contract.

NASA Clause 1852.215-84 (NOV 2011), Ombudsman, is applicable. The Center Ombudsman for this acquisition can be found at [http://prod.nais.nasa.gov/pub/pub\\_library/Omb.html](http://prod.nais.nasa.gov/pub/pub_library/Omb.html).

Prospective offerors shall notify this office of their intent to submit an offer. It is the offeror's responsibility to monitor the following Internet site for the release of solicitation amendments (if any): <http://prod.nais.nasa.gov/cgi-bin/eps/bizops.cgi?gr=D&pin=22>. Potential offerors will be responsible for downloading their own copy of this combination synopsis/solicitation and amendments (if any).

Any referenced notes may be viewed at the following URLs linked below.

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**NASA Glenn Research Center Water Pump Specifications**  
**Two Advanced Subsonic Combustion Rig (ASCR) Water Coolant Pumps**

<b><u>Technical Requirements</u></b>	<b><u>Minimum Specification</u></b>
1) Fluid	10-micron filtered cooling tower water* between 50°F – 80°F
2) Type	Horizontal Centrifugal, motor and pump assembly non-pulsating
3) Pump Capacity	200-gpm
4) Suction Pressure	50-psig
5) Discharge Pressure	1500-psig
6) Suction Connection	3" ASME B16.5 class
7) Discharge Connection	2" ASME B16.5 class flange
8) Electrical Motor	3Φ; 2400 VAC; 60 Hz; minimum Class I, Div II, Group D explosion proof motor rated for 200°C or less; not to exceed 350HP/85A
9) Motor/Pump Footprint	11 feet long x 4 feet wide x 3 feet high maximum dimensions
10) Pump Curve	Two hard copies and one electronic version
11) Installation instructions	Two hard copies and one electronic version
12) Maintenance Manual	Two hard copies and one electronic version
13) Rebuild Manual	Two hard copies and one electronic version
14) Pump Standby Guidelines	Two hard copies and one electronic version
15) Recommended Spare Part List	Two hard copies and one electronic version

*\*Cooling Tower Water incorporates the following additives from ChemTreat, Inc. CL-4892, Sodium Hypochlorite (NaOCL) and CL-2150*

**Delivery**

Delivery no later than 16-weeks after contract award.